

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6183673".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 10:02
S2	0	S1 and (rotat\$3 rotation turn\$3 twist spin spinning)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 21:06
S3	1	S1 and (die)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 10:21
S4	20	hartman-steven.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 10:21
S5	0	("2005/0006804").URPN.	USPAT	OR	ON	2007/07/11 10:35
S6	1	"5505887".pn.	USPAT	OR	ON	2007/07/11 10:54
S7	0	"10725053"	USPAT	OR	ON	2007/07/11 10:54
S8	1	"10725053"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 10:54
S9	757	(foam foamed foamable) and (spiral\$3 helical\$3 profile) and (rotat\$3 rotation\$3 spin\$3 spinning spun twist\$3) same (die orifice) and (("264"/).clas. ("425"/).clas. ("427"/).clas. ("156"/).clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:30
S10	934	(foam foamed foamable) and (spiral\$3 helical\$3 profile twist\$3) and (rotat\$3 rotation\$3 spin\$3 spinning spun twist\$3) same (die orifice) and (("264"/).clas. ("425"/).clas. ("427"/).clas. ("156"/).clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:30
S11	337	(foam foamed foamable) same (spiral\$3 helical\$3 profile twist\$3) and (rotat\$3 rotation\$3 spin\$3 spinning spun twist\$3) same (die orifice) and (("264"/).clas. ("425"/).clas. ("427"/).clas. ("156"/).clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:30
S12	310	(foam foamed foamable) same (spiral\$3 helical\$3 profile twist\$3) and (rotat\$3 rotation\$3 spin\$3 spinning spun twist\$3) same (die orifice) and (("264"/).clas. ("425"/).clas. ("427"/).clas. ("156"/).clas.)	USPAT; USOCR	OR	ON	2007/07/11 12:35

## EAST Search History

S13	256	(foam foamed foamable) same (spiral\$3 helical\$3 profile twist\$3) and (rotat\$3 rotation\$3 spin\$3 spinning spun twist\$3) same (die orifice) and (("264"/).clas. ("425"/). clas. ("427"/).clas. ("156"/).clas.) and (extrusion extruded extrud\$3 coextrud\$3 co-extrud\$3 coextrusion co-extrusion)	USPAT; USOCR	OR	ON	2007/07/11 12:38
S14	345	(foam foamed foamable) same (spiral\$3 helical\$3 profile twist\$3 strip\$3) and (rotat\$3 rotation\$3 spin\$3 spinning spun twist\$3) same (die orifice) and (("264"/).clas. ("425"/).clas. ("427"/).clas. ("156"/).clas.) and (extrusion extruded extrud\$3 coextrud\$3 co-extrud\$3 coextrusion co-extrusion)	USPAT; USOCR	OR	ON	2007/07/11 12:38
S15	115	(foam foamed foamable) same (spiral\$3 helical\$3 profile twist\$3 strip\$3) and (rotat\$3 rotation\$3 spin\$3 spinning spun twist\$3) near7 (die orifice) and (("264"/).clas. ("425"/).clas. ("427"/).clas. ("156"/).clas.) and (extrusion extruded extrud\$3 coextrud\$3 co-extrud\$3 coextrusion co-extrusion)	USPAT; USOCR	OR	ON	2007/07/11 13:56
S16	7	( "2191829" "4248824" "2138378" "5500173" "4919864").pn.	USPAT; USOCR	OR	ON	2007/07/11 13:03

## EAST Search History

S17	224	("0025233"   "0427562"   "0677200"   "1679545"   "1714234" "1809837"   "2174779"   "2578229"   "2808617"   "2866256"   "2937402"   "2945265"   "2952872"   "3008187"   "3085290"   "3097058"   "3124839"   "3178770"   "3257482"   "3260774"   "3281897"   "3331900"   "3345444"   "3382220"   "3422175"   "3422648"   "3480999"   "3508554"   "3577308"   "3584342"   "3713762"   "3773882"   "3810728"   "3832260"   "3845184"   "3884606"   "3904557"   "3907955"   "3924990"   "3932090"   "3950118"   "3972970"   "4006741"   "4048101"   "4053274"   "4104394"   "4111630"   "4151242"   "4181647"   "4182734"   "4187068"   "4206165"   "4221624"   "4225547"   "4248824"   "4250138"   "4268239"   "4322260"   "4364882"   "4469651"   "4482516"   "4514997"   "4518557"   "4541629"   "4548567"   "4600461"   "4626187"   "4632795"   "4634615"   "4647416"   "4680191"   "4734024"   "4743480"   "4755408"   "4806086"   "4832588"   "4876051"   "4889669"   "4937134"   "5007765"   "5031520"   "5031567"   "5098782"   "5120212"   "5153010"   "5156785"   "5162074"   "5169587"   "5190706"   "5190770"   "5202074"   "5223276"   "5262894"   "5316460"   "5316703"   "5360048"   "5384929"   "5401454"   "5505887"   "5686128"   "5759461"   "6054078"   "6183673"   "6312630").PN. OR ("2138378"   "2191829"   "3461197"   "3758359"   "4919864"   "5276064"   "5500173"   "5505887"   "6158999"   "6183673"   "6257863"   "6533974"   "6544448"   "7077639").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:04
S18	15	S17 and (foam foamable foam\$3) and (co-extrud\$3 coextrud\$3 co-extrusion coextrusion)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:09

## EAST Search History

S19	42	("3311681"   "3331900"   "3470055"   "3557265"   "3645837"   "3713762"   "3760046"   "3843285"   "3855376"   "3857914"   "3901958"   "3925526"   "3956438"   "3972664"   "4034131"   "4038446"   "4054403"   "4067949"   "4071597"   "4093414"   "4206165"   "4221624").PN. OR ("4518557").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:07
S20	44	("3029476"   "3331900"   "3524795"   "3557265"   "3559239"   "3611492"   "3707590"   "3933964"   "3956438"   "4107247").PN. OR ("4206165").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:09
S21	78	S19 S20	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:09
S22	33	S21 and (foam foamable foam\$3) and (co-extrud\$3 coextrud\$3 co-extrusion coextrusion)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:09
S23	27	S22 not S18	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:14
S24	290	S17 S21	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:14
S25	124	S24 and (helical\$3 helix spiral\$3 strip\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:15
S26	8	("4124308"   "4248824"   "4479768"   "5110530"   "5125816").PN. OR ("5190706").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:23
S27	41	("2138378"   "2521123"   "2674007"   "2779970"   "2808617"   "2945265"   "3303252"   "3720747"   "3876743").PN. OR ("4248824").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:30
S28	5	wollschlager.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:30
S29	1	(US-5059375-\$).did.	USPAT	OR	ON	2007/07/11 13:39
S30	0	S29 and (foam foam\$3 foamable)	USPAT	OR	ON	2007/07/11 13:39

## EAST Search History

S31	32	(US-2138378-\$ or US-2191829-\$ or US-4011292-\$ or US-4206165-\$ or US-4248824-\$ or US-4518557-\$ or US-4746477-\$ or US-4874305-\$ or US-4919864-\$ or US-4998870-\$ or US-5059375-\$ or US-5110530-\$ or US-5190706-\$ or US-5276064-\$ or US-5500173-\$ or US-5505887-\$ or US-5780063-\$ or US-5780066-\$ or US-5904939-\$ or US-6158999-\$ or US-6183673-\$ or US-6257863-\$ or US-6437248-\$ or US-6533974-\$ or US-6544448-\$ or US-6692804-\$).did. or (US-7077639-\$).did. or (US-2138378-\$ or US-2174779-\$ or US-2191829-\$ or US-3461197-\$ or US-3758359-\$).did.	USPAT; USOCR	OR	ON	2007/07/11 13:46
S32	14	S31 and (foam foamed foamable)	USPAT; USOCR	OR	ON	2007/07/11 13:55
S33	120	(foam foamed foamable) same (spiral\$3 helical\$3 profile twist\$3 strip\$3) and (rotat\$3 rotation\$3 spin\$3 spinning spun twist\$3) near7 (die orifice) and (extrusion extruded extrud\$3 coextrud\$3 co-extrud\$3 coextrusion co-extrusion)	US-PGPUB; EPO; JPO	OR	ON	2007/07/11 14:31
S34	2	"20050006804"	US-PGPUB; EPO; JPO; DERWENT	OR	ON	2007/07/11 14:35
S35	1350	(coat\$3 near4 foam\$3) same (extruder extrud\$3 extrusion co-extrud\$3 coextrud\$3 co-extrusion coextrusion)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/11 14:35
S36	686	(coat\$3 near4 foam\$3) same (extruder extrud\$3 extrusion co-extrud\$3 coextrud\$3 co-extrusion coextrusion) and (helix helical strip\$3 decorat\$3 band twist\$ spiral\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/11 14:37
S37	457	(coat\$3 near4 foam\$3) same (extruder extrud\$3 extrusion co-extrud\$3 coextrud\$3 co-extrusion coextrusion) and (helix helical strip\$3 decorat\$3 band twist\$ spiral\$3) same (extruder extrud\$3 extrusion co-extrud\$3 coextrud\$3 co-extrusion coextrusion foam\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/11 14:37

## EAST Search History

S38	108	(coat\$3 near4 foam\$3) same (extruder extrud\$3 extrusion co-extrud\$3 coextrud\$3 co-extrusion coextrusion) and (helix helical strip\$3 decorat\$3 band twist\$ spiral\$3) same (extruder extrud\$3 extrusion co-extrud\$3 coextrud\$3 co-extrusion coextrusion foam\$3) and ("264"/).clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/11 14:37
S39	118	(coat\$3 near4 foam\$3) same (extruder extrud\$3 extrusion co-extrud\$3 coextrud\$3 co-extrusion coextrusion) and (helix helical strip\$3 decorat\$3 band twist\$ spiral\$3) same (extruder extrud\$3 extrusion co-extrud\$3 coextrud\$3 co-extrusion coextrusion foam\$3) and (("264"/).clas. ("425"/).clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/11 14:38
S40	10	("3067147"   "4125582"   "4836814"   "5272236"   "5589519"   "5626892").PN. OR ("5998006").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 14:51
S41	22	(industrial and thermo).as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 14:55
S42	3	("6497919" "6183673" "6312630").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 14:56
S43	11	("6497919" "6183673" "6312630").pn.ere"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 16:47
S44	2	"3378628".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 16:47
S45	2	"2779970".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 21:27
S46	1	"5162074".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 21:28
S47	0	"5162074".pn. and (foam foamable foam\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 21:28